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(71) Applicant (for all designated States except US): **KONIN-KLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JANSSEN, Erwin** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **REEFMAN, Derk** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: **SLENDERS, Petrus, J., W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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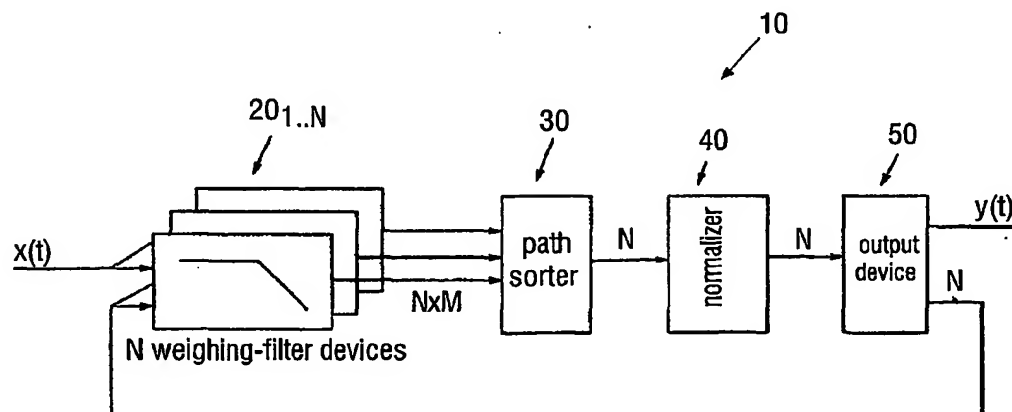
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(54) Title: GENERATING BIT-STREAMS WITH HIGHER COMPRESSION GAINS



(57) Abstract: A system (10) and method that generate bit-streams that result in higher compression gains. The system is akin to a normal 1-bit SDM. Internally, the system (10) tries to find the best possible bit sequence by tracing N possible solutions at every time instant. In an implementation, the system has $N > 1$ trellis path structures (20). Every path is used to track a possible output bitstream. The quality of a bitstream is determined by measuring the (frequency weighted) difference between input and output; it is this measure that is reduced or minimized.



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